product data sheet

item no. 72.300.0653.0

# female insert BAS BUS 6 2,5 69

Female insert revos basic, 6-poles, rated current: 16A, rated voltage: 690V, with tin-plated contacts



| | |
|---|---|
| item no. | 72.300.0653.0 |
| EAN | 4015573227033 |
| order unit | 10 piece(s) |

## certificates / approvals

## technical data

**general**

| | |
|---|---|
| model | female insert |
| inflammability class of insulation material acc. with UL94 | V0 |
| color | grey |
| mating cycles | 200 |
| pollution degree | 3 |
| suitable for modular version | no |
| operating temperature range min. | -40 °C |
| operating temperature range max. | 120 °C |

**connection data**

| | |
|---|---|
| connection type | screw connection |
| number of poles | 4 |
| plus switching contacts | 2 |
| number of pole for rated current 2 | 0 |
| number of pole for rated current 3 | 0 |
| total number of poles (without ground contact) | 6 |
| with wire protection | yes |
| min. conductor diameter rigid (solid/stranded) | 0.5 mm² |
| max. conductor diameter rigid (solid/stranded) | 2.5 mm² |
| protective contact | yes |

**technical data UL/CSA**

| | |
|---|---|
| nominal voltage according to UL/CSA | 600 V |
| nominal current according UL | 16 A |
| nominal current according CSA | 16 A |
| min. conductor cross section flexible wire | 0.5 mm² |
| max. conductor cross section flexible wire | 2.5 mm² |
| conductor cross section flexible AWG wire | 22-12 AWG |

**model**

| | |
|---|---|
| with housing | no |

**contacts**

| | |
|---|---|
| contact material | copper alloy |
| surface | tin-plated |
| contact resistance | # 1.5 mOhm |
| wire strip length | 7 mm |

**screws head design/recomm. Torque**

| | |
|---|---|
| mounting screws | H1/0.5-0.7 Nm |
| clamping screws | H1/0.5-0.7 Nm |
| ground conductor screws | H2/1.2-1.6 Nm |

**technical data DIN EN 61984**

| | |
|---|---|
| nominal voltage | 690 V |
| nominal voltage face/ground | 690 V |
| nominal current | 16 A |
| rated impulse voltage | 8 kV |

## assembly

| item no. | type | description |
|---|---|---|
| 72.310.0653.0 | male insert BAS STS 6 2,5 69 | Male insert revos basic, 6-poles, rated current: 16A, rated voltage: 690V, with tin-plated contacts |
| 72.710.0658.0 | male insert BAS STC 6 69 | Male insert revos basic, 6-poles, rated current: 16A, rated voltage: 690V, with tin-plated contacts |
| 70.350.0635.0 | hood BAS GOT GG 6 M20 A0 | Hood revos basic made of aluminum, for single locking lever with cable gland M20 on the right side (IP54), low version, 6-poles |
| 70.350.0635.1 | hood BAS GOT GG 6 M20 A1 | Hood revos basic made of aluminum, for single locking lever with threaded hole M20 on the right side, low version, 6-poles |
| 70.350.0635.2 | hood BAS GOT GG 6 M20 A2 | Hood revos basic made of aluminum, for single locking lever with nozzleM20 on the right side, low version, 6-poles |
| 70.350.0635.3 | hood BAS GOT GG 6 M20 A3 | Hood revos basic made of aluminum, for single locking lever with trumpet gland M20 on the right side (IP54), low version, 6-poles |
| 70.352.0635.0 | hood BAS GOT GI 6 M20 A0 | Hood revos basic made of aluminum, for single locking lever with cable gland M20 on the top (IP54), low version, 6-poles |
| 70.352.0635.1 | hood BAS GOT GI 6 M20 A1 | Hood revos basic made of aluminum, for single locking lever with threaded hole M20 on the top, low version, 6-poles |
| 70.352.0635.2 | hood BAS GOT GI 6 M20 A2 | Hood revos basic made of aluminum, for single locking lever with nozzleM20 on the top, low version, 6-poles |
| 70.352.0635.3 | hood BAS GOT GI 6 M20 A3 | Hood revos basic made of aluminum, for single locking lever with trumpet gland M20 on the top (IP54), low version, 6-poles |
| 70.353.0635.0 | hood BAS GOT GG 6 M25 A0 | Hood revos basic made of aluminum, for single locking lever with cable gland M25 on the right side (IP54), low version, 6-poles |
| 70.353.0635.1 | hood BAS GOT GG 6 M25 A1 | Hood revos basic made of aluminum, for single locking lever with threaded hole M25 on the right side, low version, 6-poles |
| 70.353.0635.2 | hood BAS GOT GG 6 M25 A2 | Hood revos basic made of aluminum, for single locking lever with nozzleM25 on the right side, low version, 6-poles |
| 70.353.0635.3 | hood BAS GOT GG 6 M25 A3 | Hood revos basic made of aluminum, for single locking lever with trumpet gland M25 on the right side (IP54), low version, 6-poles |
| 70.354.0635.0 | hood BAS GOT GI 6 M25 A0 | Hood revos basic made of aluminum, for single locking lever with cable gland M25 on the top (IP54), low version, 6-poles |
| 70.354.0635.1 | hood BAS GOT GI 6 M25 A1 | Hood revos basic made of aluminum, for single locking lever with threaded hole M25 on the top, low version, 6-poles |
| 70.354.0635.2 | hood BAS GOT GI 6 M25 A2 | Hood revos basic made of aluminum, for single locking lever with nozzleM25 on the top, low version, 6-poles |
| 70.354.0635.3 | hood BAS GOT GI 6 M25 A3 | Hood revos basic made of aluminum, for single locking lever with trumpet gland M25 on the top (IP54), low version, 6-poles |
| 70.372.0635.0 | hood BAS GOT GL 6 M20 50 A0 | Hood revos basic made of aluminum, with single locking lever and cable gland M20 on the top - free cable connection (IP54), low version, 6-poles |
| 70.372.0635.1 | hood BAS GOT GL 6 M20 50 A1 | Hood revos basic made of aluminum, with single locking lever and threaded hole M20 on the top - free cable connection, low version, 6-poles |
| 70.372.0635.3 | hood BAS GOT GL 6 M20 A3 | Hood revos basic made of aluminum, with single locking lever and trumpet gland M20 on the top - free cable connection (IP54), low version, 6-poles |

| | | |
|---|---|---|
| 70.450.0637.1 | hood BAS GOM GG 6 M20 B1 | Hood revos basic metal-series without coating, for single locking lever with threaded hole M20 on the right side, low version, 6-poles |
| 70.452.0637.1 | hood BAS GOM GI 6 M20 B1 | Hood revos basic metal-series without coating, for single locking lever with threaded hole M20 on the top, low version, 6-poles |
| 70.472.0637.1 | hood BAS GOM GL 6 M20 B1 | Hood revos basic metal-series without coating, with single locking lever and threaded hole M20 on the top - free cable connection, low version, 6-poles |
| 73.350.0635.0 | hood BAS GOT GG 6HM25 69 A0 | Hood revos basic made of aluminum, for single locking lever with cable gland M25 on the right side (IP54), high version, 6-poles |
| 73.350.0635.1 | hood BAS GOT GG 6HM25 69 A1 | Hood revos basic made of aluminum, for single locking lever with threaded hole M25 on the right side, high version, 6-poles |
| 73.350.0635.2 | hood BAS GOT GG 6HM25 69 A2 | Hood revos basic made of aluminum, for single locking lever with nozzleM25 on the right side, high version, 6-poles |
| 73.350.0635.3 | hood BAS GOT GG 6HM25 A3 | Hood revos basic made of aluminum, for single locking lever with trumpet gland M25 on the right side (IP54), high version, 6-poles |
| 73.351.0635.0 | hood BAS GOT GH 6HM20 A0 | Hood revos basic made of aluminum, for single locking lever with cable gland M20 on the front (IP54), high version, 6-poles |
| 73.351.0635.1 | hood BAS GOT GH 6HM20 A1 | Hood revos basic made of aluminum, for single locking lever with threaded hole M20 on the front, high version, 6-poles |
| 73.351.0635.2 | hood BAS GOT GH 6HM20 A2 | Hood revos basic made of aluminum, for single locking lever with nozzleM20 on the front, high version, 6-poles |
| 73.351.0635.3 | hood BAS GOT GH 6HM20 A3 | Hood revos basic made of aluminum, for single locking lever with trumpet gland M20 on the front (IP54), high version, 6-poles |
| 73.352.0635.0 | hood BAS GOT GI 6HM25 69 A0 | Hood revos basic made of aluminum, for single locking lever with cable gland M25 on the top (IP54), high version, 6-poles |
| 73.352.0635.1 | hood BAS GOT GI 6HM25 69 A1 | Hood revos basic made of aluminum, for single locking lever with threaded hole M25 on the top, high version, 6-poles |
| 73.352.0635.2 | hood BAS GOT GI 6HM25 69 A2 | Hood revos basic made of aluminum, for single locking lever with nozzleM25 on the top, high version, 6-poles |
| 73.352.0635.3 | hood BAS GOT GI 6HM25 A3 | Hood revos basic made of aluminum, for single locking lever with trumpet gland M25 on the top (IP54), high version, 6-poles |
| 73.353.0635.0 | hood BAS GOT GG 6HM32 69 A0 | Hood revos basic made of aluminum, for single locking lever with cable gland M32 on the right side (IP54), high version, 6-poles |
| 73.353.0635.1 | hood BAS GOT GG 6HM32 69 A1 | Hood revos basic made of aluminum, for single locking lever with threaded hole M32 on the right side, high version, 6-poles |
| 73.353.0635.2 | hood BAS GOT GG 6HM32 69 A2 | Hood revos basic made of aluminum, for single locking lever with nozzleM32 on the right side, high version, 6-poles |
| 73.353.0635.3 | hood BAS GOT GG 6HM32 A3 | Hood revos basic made of aluminum, for single locking lever with trumpet gland M32 on the right side (IP54), high version, 6-poles |
| 73.354.0635.0 | hood BAS GOT GI 6HM32 69 A0 | Hood revos basic made of aluminum, for single locking lever with cable gland M32 on the top (IP54), high version, 6-poles |
| 73.354.0635.1 | hood BAS GOT GI 6HM32 69 A1 | Hood revos basic made of aluminum, for single locking lever with threaded hole M32 on the top, high version, 6-poles |
| 73.354.0635.2 | hood BAS GOT GI 6HM32 69 A2 | Hood revos basic made of aluminum, for single locking lever with nozzleM32 on the top, high version, 6-poles |
| 73.354.0635.3 | hood BAS GOT GI 6HM32 A3 | Hood revos basic made of aluminum, for single locking lever with trumpet gland M32 on the top (IP54), high version, 6-poles |
| 70.320.0628.0 | bottom BAS GUT GK 6 A | Bottom-base revos basic made of aluminum, with single locking lever, open, low version, 6-poles |
| 70.325.0628.0 | bottom BAS GUT GP 6 A | Bottom-base revos basic made of aluminum, with single locking lever andprotective cover, open, low version, 6-poles |
| 70.330.0635.0 | bottom BAS GUT GL 6 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the right and left side (IP54), low version, 6-polig |
| 70.330.0635.1 | bottom BAS GUT GL 6 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the right and left side, low version, 6-polig |
| 70.331.0635.0 | bottom BAS GUT GM 6 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the left side (IP54), low version, 6-polig |
| 70.331.0635.1 | bottom BAS GUT GM 6 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the left side, low version, 6-polig |
| 70.332.0635.0 | bottom BAS GUT GN 6 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the right side (IP54), low version, 6-polig |
| 70.332.0635.1 | bottom BAS GUT GN 6 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the right side, low version, 6-polig |
| 70.333.0635.0 | bottom BAS GUT GO 6 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the bottom (IP54), low version, 6-polig |
| 70.333.0635.1 | bottom BAS GUT GO 6 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the bottom, low version, 6-polig |
| 70.334.0635.0 | bottom BAS GUT GL 6 M25 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the right and left side (IP54), low version, 6-polig |

| | | |
|---|---|---|
| 70.334.0635.1 | bottom BAS GUT GL 6 M25 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the right and left side, low version, 6-polig |
| 70.335.0635.0 | bottom BAS GUT GM 6 M25 50 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the left side (IP54), low version, 6-polig |
| 70.335.0635.1 | bottom BAS GUT GM 6 M25 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the left side, low version, 6-polig |
| 70.337.0635.0 | bottom BAS GUT GO 6 M25 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the bottom (IP54), low version, 6-poles |
| 70.337.0635.1 | bottom BAS GUT GO 6 M25 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the bottom, low version, 6-poles |
| 70.340.0635.0 | bottom BAS GUT GR 6 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the right and the left side, with protective cover (IP54), low version, 6-polig |
| 70.340.0635.1 | bottom BAS GUT GR 6 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the right and the left side, with protective cover, low version, 6-polig |
| 70.341.0635.0 | bottom BAS GUT GS 6 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the left side, with protective cover (IP54), low version, 6-polig |
| 70.341.0635.1 | bottom BAS GUT GS 6 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the left side, with protective cover, low version,6-polig |
| 70.342.0635.0 | bottom BAS GUT GT 6 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the right side, with protective cover (IP54), low version, 6-polig |
| 70.342.0635.1 | bottom BAS GUT GT 6 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the right side, with protective cover, low version, 6-polig |
| 70.343.0635.0 | bottom BAS GUT GU 6 M20 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the bottom, with protective cover (IP54), low version, 6-polig |
| 70.343.0635.1 | bottom BAS GUT GU 6 M20 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the bottom, with protective cover, low version, 6-polig |
| 70.420.0637.0 | bottom BAS GUM GK 6 B | Bottom-base revos basic metal-series without coating, open, low version, 6-poles |
| 70.425.0637.0 | bottom BAS GUM GP 6 B | Bottom-base revos basic metal-series without coating, with single locking lever and protective cover, low version, 6-poles |
| 70.430.0637.1 | bottom BAS GUM GL 6 M20 B1 | Bottom-base revos basic metal-series without coating, with single locking lever and threaded hole M20 on the right and left side, low version, 6-polig |
| 70.431.0637.1 | bottom BAS GUM GM 6 M20 B1 | Bottom-base revos basic metal-series without coating, with single locking lever and threaded hole M20 on the left side, low version, 6-polig |
| 70.440.0637.1 | bottom BAS GUM GR 6 M20 B1 | Bottom-base revos basic metal-series without coating, with single locking lever and threaded hole M20 on the right and the left side, with protective cover, low version, 6-polig |
| 70.441.0637.1 | bottom BAS GUM GS 6 M20 B1 | Bottom-base revos basic metal-series without coating, with single locking lever and threaded hole M20 on the left side, with protective cover, low version, 6-polig |
| 73.330.0635.0 | bottom BAS GUT GL 6HM25 69 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the right and left side (IP54), high version, 6-polig |
| 73.330.0635.1 | bottom BAS GUT GL 6HM25 69 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the right and left side, high version, 6-polig |
| 73.331.0635.0 | bottom BAS GUT GM 6HM25 69 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the left side (IP54), high version, 6-polig |
| 73.331.0635.1 | bottom BAS GUT GM 6HM25 69 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the left side, high version, 6-polig |
| 73.334.0635.0 | bottom BAS GUT GL 6HM32 69 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M32 on the right and left side (IP54), high version, 6-polig |
| 73.334.0635.1 | bottom BAS GUT GL 6HM32 69 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M32 on the right and left side, high version, 6-polig |
| 73.335.0635.0 | bottom BAS GUT GM 6HM32 69 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M32 on the left side (IP54), high version, 6-polig |
| 73.335.0635.1 | bottom BAS GUT GM 6HM32 69 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M32 on the left side, high version, 6-polig |
| 73.340.0635.0 | bottom BAS GUT GR 6HM25 69 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the right and the left side, with protective cover (IP54), high version, 6-polig |
| 73.340.0635.1 | bottom BAS GUT GR 6HM25 69 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the right and the left side, with protective cover, high version, 6-polig |
| 73.341.0635.0 | bottom BAS GUT GS 6HM25 69 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the left side, with protective cover (IP54), high version, 6-polig |
| 73.341.0635.1 | bottom BAS GUT GS 6HM25 69 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the left side, with protective cover, high version, 6-polig |
| 73.342.0635.0 | bottom BAS GUT GT 6HM25 69 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the right side, with protective cover (IP54), high version, 6-polig |
| 73.342.0635.1 | bottom BAS GUT GT 6HM25 69 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the right side, with protective cover, high version, 6-polig |
| 73.344.0635.0 | bottom BAS GUT GR 6HM32 69 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M32 on the right and the left side, with protective cover (IP54), high version, 6-polig |
| 73.344.0635.1 | bottom BAS GUT GR 6HM32 69 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M32 on the right and the left side, with protective cover, high version, 6-polig |

| | | |
|---|---|---|
| 73.345.0635.0 | bottom BAS GUT GS 6HM32 69 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M32 on the left side, with protective cover (IP54), high version, 6-polig |
| 73.345.0635.1 | bottom BAS GUT GS 6HM32 69 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M32 on the left side, with protective cover, high version, 6-polig |
| 73.346.0635.0 | bottom BAS GUT GT 6HM32 69 A0 | Bottom-base revos basic made of aluminum, with single locking lever andcable gland M32 on the right side, with protective cover (IP54), high version, 6-polig |
| 73.346.0635.1 | bottom BAS GUT GT 6HM32 69 A1 | Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M32 on the right side, with protective cover, high version, 6-polig |